

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24736-2003B	SERIAL NO. 08/933,792
	APPLICANT KÖSTER <i>et al.</i>	
	FILING DATE September 19, 1997	GROUP 1623

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	DATE
A.K.	A	4	1	3	9	3	4	6	02/13/79	Rabbani	422	56	12/28/77
A.K.	B	4	5	8	2	7	8	9	04/15/86	Sheldon III <i>et al.</i>	435	6	12/18/84
A.K.	C	4	6	8	3	1	9	4	07/28/87	Saiki <i>et al.</i>	435	6	03/28/85
A.K.	D	4	6	8	3	1	9	5	07/28/87	Mullis <i>et al.</i>	435	6	02/07/86
A.K.	E	4	7	2	5	6	7	7	02/16/88	Köster <i>et al.</i>	536	27	06/18/85
A.K.	F	4	7	2	9	9	4	7	03/08/89	Middendorf <i>et al.</i>	435	6	03/29/84
A.K.	G	4	7	4	9	7	4	2	6/7/88	Elmore	525	54.11	7/18/86
A.K.	H	4	7	5	7	1	4	1	07/12/88	Fung <i>et al.</i>	536	27	08/26/85
A.K.	I	4	7	9	4	1	5	0	12/27/88	Steel	525	54.11	3/11/87
A.K.	J	4	7	9	7	3	5	5	1/10/89	Stabinsky	435	6	6/13/85
A.K.	K	4	8	0	6	5	4	6	02/21/89	Carrico <i>et al.</i>	536	27	09/30/85
A.K.	L	4	8	5	5	2	2	5	08/08/89	Fung <i>et al.</i>	435	6	02/07/86
A.K.	M	4	8	8	2	1	2	7	11/21/89	Rosenthal <i>et al.</i>	422	50	11/12/87
A.K.	N	4	9	4	8	8	8	2	08/14/90	Ruth	536	27	05/04/87
A.K.	O	4	9	8	3	5	2	1	01/08/91	Lingappa <i>et al.</i>	435	172.3	09/12/86
A.K.	P	4	9	9	4	3	7	3	02/19/91	Stavrianopoulos <i>et al.</i>	435	6	07/20/89
A.K.	Q	5	0	0	3	0	5	9	03/26/91	Brennan	536	27	06/20/88
A.K.	R	5	0	3	7	8	8	2	8/6/91	Steel	525	54.11	12/23/88
A.K.	S	5	0	4	5	6	9	4	09/03/91	Beavis <i>et al.</i>	250	287	09/27/89
A.K.	T	5	0	6	4	7	5	4	11/12/91	Mills	435	6	11/13/87
A.K.	U	5	0	7	7	2	1	0	12/31/91	Eigler <i>et al.</i>	435	176	01/13/89
A.K.	V	5	0	8	2	9	3	5	01/21/92	Cruickshank	536	27	12/15/88
A.K.	W	5	1	1	8	9	3	7	06/02/92	Hillenkamp <i>et al.</i>	250	282	08/21/90
A.K.	X	5	1	3	5	8	7	0	09/92	Williams <i>et al.</i>	436	86	6/1/90
A.K.	Y	5	1	4	9	6	2	5	09/22/92	Church <i>et al.</i>	435	6	03/28/90

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LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>A.K.</i>	Z	5	1	9	8	5	3	1	03/30/93	Webber <i>et al.</i>	525	332.2	06/14/91
<i>A.K.</i>	AA	5	2	1	0	4	1	2	05/11/93	Levis <i>et al.</i>	250	288	01/31/91
<i>A.K.</i>	AB	5	2	2	1	5	1	8	06/22/93	Mills	422	62	08/13/91
<i>A.K.</i>	AC	5	2	3	4	8	2	4	08/10/93	Mullis	435	91	06/02/92
<i>A.K.</i>	AD	5	2	3	7	0	1	6	08/17/93	Ghosh <i>et al.</i>	525	329.4	01/06/89
<i>A.K.</i>	AE	5	2	4	2	9	7	4	09/07/93	Holmes	525	54.11	11/22/91
<i>A.K.</i>	AF	5	2	8	3	3	4	2	02/01/94	Gustavson <i>et al.</i>	548	304.1	06/09/92
<i>A.K.</i>	AG	5	2	8	8	6	4	4	02/22/94	Beavis <i>et al.</i>	436	94	11/13/92
<i>A.K.</i>	AH	5	3	8	0	8	3	3	01/10/95	Urdea	536	22.1	12/13/91
<i>A.K.</i>	AI	5	4	1	0	0	6	8	04/25/95	Coull <i>et al.</i>	548	545	10/23/89
<i>A.K.</i>	AJ	5	4	3	0	1	3	6	07/04/95	Urdea <i>et al.</i>	536	243	07/27/90
<i>A.K.</i>	AK	5	4	3	6	3	2	7	07/25/95	Southern <i>et al.</i>	536	25.34	03/20/91
<i>A.K.</i>	AL	5	4	7	4	8	9	5	12/12/95	Ishii <i>et al.</i>	435	6	05/13/93
<i>A.K.</i>	AM	5	4	7	8	8	9	3	12/26/95	Ghosh <i>et al.</i>	525	329.4	08/05/93
<i>A.K.</i>	AN	5	4	8	4	7	0	1	01/16/96	Cocuzza <i>et al.</i>	435	6	01/31/92
<i>A.K.</i>	AO	5	4	9	2	8	2	1	2/20/96	Callstrom <i>et al.</i>	435	188	11/13/91
<i>A.K.</i>	AP	5	5	0	3	9	8	0	04/02/96	Cantor	435	6	10/17/94
<i>A.K.</i>	AQ	5	5	0	6	3	4	8	04/09/96	Pieles	536	23.1	02/24/94P
<i>A.K.</i>	AR	5	5	1	2	4	3	9	04/30/96	Hornes <i>et al.</i>	435	6	07/06/94
<i>A.K.</i>	AS	5	5	1	4	5	4	8	05/07/96	Krebber <i>et al.</i>	435	6	02/17/94
<i>A.K.</i>	AT	5	5	2	7	6	7	5	06/18/96	Coull <i>et al.</i>	435	6	08/20/93
<i>A.K.</i>	AU	5	5	4	1	3	1	3	07/30/96	Ruth	536	24.3	11/09/94
<i>A.K.</i>	AV	5	5	4	5	5	3	9	08/13/96	Miller	435	91.2	10/18/94
<i>A.K.</i>	AW	5	5	4	7	8	3	5	08/20/96	Köster <i>et al.</i>	435	6	01/06/94
<i>A.K.</i>	AX	5	5	5	2	5	3	5	9/3/96	McLean <i>et al.</i>	536	23.1	11/7/94

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
A.K.	AY	5	5	7	1	9	0	2	11/5/96	Ravikumar <i>et al.</i>	536	22.1	5/26/94
A.K.	AZ	5	5	8	0	7	3	3	12/03/96	Levis <i>et al.</i>	435	6	09/06/94
A.K.	BA	5	5	8	3	0	4	2	12/10/96	Roth	435	288.1	3/22/94
A.K.	BB	5	6	0	1	9	8	2	02/11/97	Sargent <i>et al.</i>	435	6	02/07/95
A.K.	BC	5	6	0	5	7	9	8	02/25/97	Köster	435	6	03/17/95
A.K.	BD	5	6	1	2	4	7	4	03/18/97	Patel	536	27.14	06/30/94
A.K.	BE	5	6	1	6	6	9	8	4/1/97	Krepinsky <i>et al.</i>	536	18.6	1/10/94
A.K.	BF	5	6	1	6	7	0	0	4/1/97	Reddy <i>et al.</i>	536	25.3	11/18/93
A.K.	BG	5	6	2	2	8	2	4	04/22/97	Köster	435	6	02/10/95
A.K.	BH	5	6	2	4	7	1	1	04/29/97	Sundberg <i>et al.</i>	427	261	04/27/95
A.K.	BI	5	6	3	1	1	3	4	05/20/97	Cantor <i>per ASIST</i>	435	6	06/05/95
A.K.	BJ	5	6	3	5	5	9	8	6/3/97	Lebl <i>et al.</i>	530	334	6/21/94
A.K.	BK	5	6	3	9	6	3	3	6/17/97	Callstrom <i>et al.</i>	435	68.1	6/6/95
A.K.	BL	5	6	4	1	8	6	2	6/24/97	Rutter <i>et al.</i>	530	334	3/29/95
A.K.	BM	5	6	4	3	7	2	2	07/01/97	Rothschild <i>et al.</i>	435	6	05/11/94
A.K.	BN	5	6	4	3	7	9	8	07/01/97	Beavis <i>et al.</i>	436	94	06/07/95
A.K.	BO	5	6	4	8	4	6	2	7/15/97	Funakoshi <i>et al.</i>	530	344	1/27/95
A.K.	BP	5	6	4	8	4	8	0	7/15/97	Letsinger <i>et al.</i>	536	25.34	6/6/95
A.K.	BQ	5	6	5	2	3	5	8	7/29/97	Pfleiderer <i>et al.</i>	536	25.3	11/3/94
A.K.	BR	5	6	6	3	2	4	2	09/02/97	Ghosh <i>et al. per ASIST</i>	525	329.4	03/31/95
A.K.	BS	5	6	6	8	2	6	6	9/16/97	Ruth	536	25.3	5/12/95
A.K.	BT	5	6	7	0	3	2	2	09/23/97	Eggers <i>et al.</i>	435	6	06/01/95
A.K.	BU	5	6	7	7	1	9	5	10/14/97	Winkler <i>et al.</i>	436	518	11/20/92
A.K.	BV	5	6	7	9	7	7	3	10/21/97	Holmes	530	334	1/17/95
A.K.	BW	5	6	9	1	1	4	1	11/25/97	Köster	435	6	06/06/95

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A.K.	BX	5	7	0	0	6	4	2	12/23/97	Monforte <i>et al.</i>	435	6	05/22/95
A.K.	BY	5	7	2	6	2	4	3	03/10/98	Fields	525	54.11	07/03/96
A.K.	BZ	5	7	3	6	6	2	5	4/7/98	Callstrom <i>et al.</i>	530	402	6/6/95
A.K.	CA	5	7	3	6	6	2	6	4/7/98	Mullah <i>et al.</i>	536	25.3	1/29/96
A.K.	CB	5	7	4	2	0	4	9	04/21/98	Holle <i>et al.</i>	250	282	03/20/96
A.K.	CC	5	7	9	5	7	1	4	08/18/98	Cantor <i>et al.</i>	435	6	08/23/93

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
A.K.	CD	0	3	6	0	6	7	7	03/28/90	EP A1	C12Q	1/68		X*
A.K.	CE	0	3	9	6	1	1	6	11/07/90	EP A2	--	--		
A.K.	CF	0	4	1	2	8	8	3	02/13/91	EP A1	--	--	X	
A.K.	CG	0	4	5	5	9	0	5	11/13/91	EP A2	--	--		
A.K.	CH	0	4	5	6	3	0	4	11/13/91	EP A1	--	--		
A.K.	CI	0	6	8	4	3	1	5	11/29/95	EP A1	--	--		
A.K.	CJ	0	7	0	1	0	0	1	03/13/96	EP A2	--	--		
A.K.	CK	2	0	1	7	1	0	5	03/20/79	UK	--	--		
A.K.	CL	2	2	1	5	3	9	9	08/28/90	JP	--	--		X*
A.K.	CM	3	9	3	0	3	1	2	04/26/90	DE	--	--		X*
A.K.	CN	4	0	1	1	9	9	1	10/18/90	DE	--	--		X*
A.K.	CO	6	2	9	4	7	9	6	10/21/94	JP	--	--	X	
A.K.	CP	6	3	2	3	00	8	6	09/26/88	JP	--	--		X*
A.K.	CQ	8	4	0	2	5	7	9	07/05/84	PCT	--	--		

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													Yes	No
A.K.	CR	8	9	0	9	2	8	2	10/05/89	PCT	--	--		
A.K.	CS	8	9	0	9	4	0	6	10/05/89	PCT	--	--		X*
A.K.	CT	8	9	1	2	6	2	4	12/28/89	PCT	--	--		
A.K.	CU	9	0	0	1	5	6	4	02/22/90	PCT	--	--		
A.K.	CV	9	0	0	3	3	8	2	04/05/90	PCT	--	--		
A.K.	CW	9	0	0	7	5	8	2	07/12/90	PCT	--	--		
A.K.	CX	9	0	1	5	8	8	3	12/27/90	PCT	--	--		
A.K.	CY	9	1	0	6	6	7	8	05/16/91	PCT	--	--		
A.K.	CZ	9	1	1	3	0	7	5	09/05/91	PCT	--	--		
A.K.	DA	9	2	0	3	5	7	5	03/05/92	PCT	--	--		
A.K.	DB	9	2	0	7	8	7	9	05/14/92	PCT	--	--		
A.K.	DC	9	2	1	0	0	9	2	06/25/92	PCT	--	--		
A.K.	DD	9	2	1	3	6	2	9	08/20/92	PCT	--	--		
A.K.	DE	9	2	1	5	7	1	2	09/17/92	PCT	--	--		
A.K.	DF	9	3	0	6	9	2	5	4/15/93	PCT	--	--		
A.K.	DG	9	3	0	9	6	6	8	05/27/93	PCT	--	--		
A.K.	DH	9	3	2	0	2	3	6	10/14/93	PCT	--	--		
A.K.	DI	9	4	1	1	5	2	9	05/26/94	PCT	5	--		
A.K.	DJ	9	4	1	1	5	3	0	05/26/94	PCT	--	--		
A.K.	DK	9	4	1	1	7	3	5	05/26/94	PCT	--	--		
A.K.	DL	9	4	1	6	1	0	1	07/21/94	PCT	--	--		
A.K.	DM	9	4	2	1	8	2	2	09/29/94	PCT	--	--		
A.K.	DN	9	5	0	4	5	2	4	02/16/95	PCT	--	--		
A.K.	DO	9	5	3	0	7	7	3	11/16/95	PCT	6	--		

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													Yes	No
<i>A.K.</i>	DP	9	5	3	1	4	2	9	11/23/95	PCT	--	--		
<i>A.K.</i>	DQ	9	6	1	9	5	8	7	06/27/96	PCT	C12Q	1/68		
<i>A.K.</i>	DR	9	6	2	9	4	3	1	09/26/96	PCT	--	--		
<i>A.K.</i>	DS	9	6	3	2	5	0	4	10/17/96	PCT	--	--		
<i>A.K.</i>	DT	9	6	3	6	7	3	1	11/21/96	PCT	--	--		
<i>A.K.</i>	DU	9	6	3	6	7	3	2	11/21/96	PCT	--	--		
<i>A.K.</i>	DV	9	6	3	7	6	3	0	05/30/96	PCT	--	--		
<i>A.K.</i>	DW	9	7	0	8	3	0	6	03/06/97	PCT	--	--		
<i>A.K.</i>	DX	9	7	1	6	6	9	9	05/09/97	PCT	--	--		
<i>A.K.</i>	BY	9	7	3	3	0	0	0	09/12/97	PCT	--	--		
<i>A.K.</i>	DZ	9	7	3	7	0	4	1	10/09/97	PCT	--	--		
<i>A.K.</i>	EA	9	7	4	2	3	4	8	11/13/97	PCT	--	--		
<i>A.K.</i>	EB	9	7	4	3	6	1	7	11/20/97	PCT	--	--		
<i>A.K.</i>	EC	9	8	1	2	3	5	5	03/26/98	PCT	--	--		
<i>A.K.</i>	ED	9	8	2	0	0	1	9	05/18/98	PCT	--	--		
<i>A.K.</i>	EE	9	8	2	0	0	2	0	05/14/98	PCT	--	--		
<i>A.K.</i>	EF	9	8	2	0	1	6	6	05/14/98	PCT	--	--		
<i>A.K.</i>	EG	9	8	5	4	7	5	1	12/03/98	PCT	--	--		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>A.K.</i>	EH	Alderton <i>et al.</i> , Magnetic bead purification of M13 DNA sequencing templates, <u>Anal. Biochem.</u> 201:166-169 (1992)
<i>A.K.</i>	EI	Allin, S.M. and Shuttleworth, S.J., "The Preparation and First Application of a Polymer-Supported "Evans" Oxazolidinone", <u>Tetrahedron Lett.</u> , 37(44):8023-8026 (1996)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

A.K.	EJ	Arlinghaus <i>et al.</i> , Applications of resonance ionization spectroscopy for semiconductor, environmental and biomedical analysis, and for DNA sequencing, <u>SPIE</u> , vol. 1435, <u>Opt. Methods Ultrasensitive Detect. Anal. Tech. Appl.</u> pp. 26-35 (1991)
A.K.	EK	Arshady, Reza, Beaded polymer supports and gels: I. Manufacturing techniques, <u>Journal of Chromatography</u> , 586:181-197 (1991).
A.K.	EL	Arshady, Reza, Beaded polymer supports and gels: II. Physico-chemical criteria and functionalization, <u>Journal of Chromatography</u> , 586:199-219 (1991).
A.K.	EM	Backes, B.J. <i>et al.</i> , "Activation Method to Prepare a Highly Reactive Acylsulfonamide "Safety Catch" Linker for Solid-Phase Synthesis ¹ ", <u>J. Am. Chem. Soc.</u> , 118:3055-3056 (1996)
A.K.	EN	Bains, DNA sequencing by mass spectrometry: Outline of a potential future application, <u>Chimicaoggi</u> 9:13-16 (1991)
A.K.	EO	Bains, Setting a sequence to sequence a sequence, <u>Biotechnology</u> 10:757-758 (1992)
A.K.	EP	Bannwarth, Solid-phase synthesis of oligodeoxynucleotides containing phosphoramidate internucleotide linkages and their specific chemical cleavage, <u>Helvetica Chimica Acta</u> 71:1517-1527 (1988)
A.K.	EQ	Barrell, DNA sequencing: present limitations and prospects for the future, <u>FASEB J.</u> 5: 40-45 (1991)
A.K.	ER	Batista-Viera <i>et al.</i> , A new method for reversible immobilization of thiol biomolecules based on solid-phase bound thiolsulfonate groups, <u>App. Biochem and Biotech</u> , 31:175-195 (1991).
A.K.	ES	Beaucage <i>et al.</i> , The synthesis of modified oligonucleotides by the phosphoramidite approach and their applications, <u>Tetrahedron</u> 49:6123-6194 (1993)
A.K.	ET	Beck and Köster, Applications of dioxetane chemiluminescent probes to molecular biology, <u>Anal. Chem.</u> 62:2258-2270 (1990)
A.K.	EU	Beck <i>et al.</i> , Chemiluminescent detection of DNA: application of DNA sequencing and hybridization, <u>Nucleic Acids Res.</u> 17(13):5115-5123 (1989)
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A.K.	FA	Chen and Seeburg, Supercoil sequencing: A fast and simple method for sequencing plasmid DNA, <u>DNA</u> <u>4</u> (2):165-170 (1985)
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A.K.	FO	Eckstein, Nucleoside phosphorothioates, <u>Ann. Rev. Biochem.</u> 54:367-402 (1985)
A.K.	FP	Eckstein and Goody, Synthesis and properties of diastereoisomers of adenosine 5'-(O-1-thiotriphosphate) and adenosine 5'-(O-2-thiotriphosphate), <u>Biochemistry</u> 15(8):1685-1691 (1976)
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A.K.	HJ	Li <i>et al.</i> , "Analysis of single mammalian cell lysates by mass spectrometry", <u>J. Am. Chem. Soc.</u> 118:11662-11663 (1996)
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<i>A.K.</i>	HS	Matteucci <i>et al.</i> , Synthesis of deoxyoligonucleotides on a polymer support, <u>J. A. Chem. Soc.</u> 103:3185-3191, 1981
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	CLASS	FILING DATE
<i>A.K.</i>	AA	5	8	3	0	6	5	5	11/03/98	Monforte <i>et al.</i>	435	6	04/26/96
<i>A.K.</i>	AB	5	8	6	9	2	4	2	02/09/99	Kamb	435	6	09/18/95

FOREIGN PATENT DOCUMENTS

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